

2. (Amended) An audio decoding apparatus comprising:
a decoding unit which receives audio data including a plurality of coded sample data, decodes the sample data, groups a plurality of the sample data, after decoding, into a block, and adds control information relating to an attribute to each block;
a storage unit which temporarily stores the blocks; and
an output unit which outputs the sample data of each block, temporarily stored, based on the control information added to the respective block.

3. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit groups the sample data into the block in frame units.

4. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit groups sample data having identical attributes into one block.

5. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit adds to the control information starting information that indicates sample data from which output control can be started.

6. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit adds to the control information channel information indicating number of channels that are to be output for each sample data.

7. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit adds to the control information number information indicating number of sample data that have been grouped in one block.

8. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit adds to the control information information indicating a down sample.

9. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit adds to the control information length information indicating word length of data to be output.

10. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit adds to the control information length information indicating word length of data to be output when there are plurality of outputs.

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11. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit adds to the control information channel information indicating formation of an output channel.

12. (Amended) The audio decoding apparatus according to claim 11, wherein said decoding unit adds to the control information slot information indicating number of slots of the output channel.

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13. (Amended) The audio decoding apparatus according to claim 2, wherein said decoding unit adds to the control information distribution information indicating data distribution of said output unit.

IN THE ABSTRACT

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ABSTRACT OF THE DISCLOSURE

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An audio decoding apparatus includes a CPU which groups received sample data into one block. Furthermore, the CPU adds control information relating to attributes to data of each block.
